Patent Attorney Docket No. S1448.70000US00

DEC 0 3 2004

## IN THE UNITED STATES PATENT AND TRADMARK OFFICE

fn Re:

U.S. Patent Application of Thomas Jefferson AWAD et al.

App. No.:

09/925,194

Group Art Unit: 2124

Filed:

August 8, 2001

Examiner: Chat C. DO

Conf. No.:

4327

For:

METHOD AND APPARATUS FOR PROVIDING AN ERROR CHARACTERIZATION ESTIMATE OF AN IMPULSE RESPONSE

DERIVED USING LEAST SQUARES

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to MAIL STOP AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 1st day of December 2004.

Doris A. Champagne

## REPLY TO OFFICIAL ACTION UNDER 37 CFR 1.111

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

December 1, 2004

Sir/Madam:

In response to the Office Action mailed August 26, 2004, please amend the aboveidentified application as follows and re-examine the application in light of the remarks provided.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims begin on page 4 of this paper.

Remarks/Arguments begin on page 14 of this paper.

/06/2004 RMEBRAHT 00000035 09925194

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